

(1) Publication number: 0 611 089 A3

12)

EUROPEAN PATENT APPLICATION

(21) Application number: 94300769.0

(51) Int. CI.5: G10K 11/16

(22) Date of filing: 02.02.94

(30) Priority: 11.02.93 US 16694

(43) Date of publication of application : 17.08.94 Bulletin 94/33

84 Designated Contracting States : DE FR GB IT NL

(88) Date of deferred publication of search report: 11.10.95 Bulletin 95/41

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- (54) Active acoustic control system matching model reference.
- (57) An acoustic system (20) includes a model reference (22) having a selectably programmable response, and an active model (24) including in combination an acoustic path (26) and an adaptive filter (28) such that the combination of the acoustic path (26) and the adaptive filter (28) adaptively models the model reference (22) such that the combined response of the acoustic path (26) and the adaptive filter (28) provides an active model response matching the response of the model reference (22).

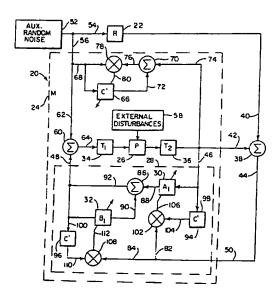


FIG. I



EUROPEAN SEARCH REPORT

Application Number EP 94 30 0769

Category	Citation of document with of relevant	n indication, where appropriate, passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL5)
D,A	1989 , ADDISON-WES	RK 'Adaptive Control' SLEY PUBLISHING COMPANY SETTS, USA 2 - page 106, line 12;	1,24,26	G10K11/16
A	AMERICA, vol.91, no.5, May pages 2740 - 2747	TE & P.A. NELSON 'An r for the active	1	
	WO-A-91 13429 (NOI TECHNOLOGIES)	SE CANCELLATION		
\	US-A-2 043 416 (P.	LUEG)		
١	GB-A-2 088 951 (LO	RD) 		TECHNICAL FIELDS SEARCHED (Int.Cl.5)
	The present search report has b	ocen drawa up for all claims Date of campleties of the search		Excitator
X : partic Y : partic docum A : techni	THE HAGUE ATEGORY OF CITED DOCUME ultarly relevant if taken alone ultarly relevant if combined with an tent of the same category alogical background ritten disclosure	E : earlier patient do after the filing d other D : document cited i L : document cited fi	le underlying the in current, but publish are in the application	hed oa, ar